

EAST COVENTRY TOWNSHIP
EAST CEDARVILLE ROAD/EARL DRIVE/BUCKWALTER ROAD
AREA SANITARY SEWER EXTENSION

PROGRESS MEETING NO. 5
September 5, 2007

Progress Meeting No. 5 on the East Cedarville Road/Earl Drive/Buckwalter Road Sanitary Sewer Extension Project for East Coventry Township was held on Wednesday, September 5, 2007 at 8:00 a.m. at the Township building with the following people in attendance:

Ed Phillips – N. Abbonizio Contractors, Inc.
Bernard Rodgers – East Coventry Township
Ray Kolb – East Coventry Township
Jim Weckesser – PADOT Representative
George LeVan – ARRO Consulting, Inc.
Larry Dietrich – ARRO Consulting, Inc.

The following is a summary of the items discussed at the meeting:

1. As of August 31 the Contractor had installed 519 L.F. of 10" sewer, 12,458 L.F. of 8" sewer, 2,822 L.F. of 6" sewer, 413 L.F. of 2" pressure sewer, 313 L.F. of 1-1/2" pressure sewer, 118 wyes, 8 pressure sewer laterals and 65 manholes. This represents approximately 60% of the gravity sewer and 25% of the pressure sewers. Approximately 45% of the contract time has been used to date.
2. Contractor currently has two crews on site. One crew is installing mainline sewers on Harley Road approaching Manhole 29, and the second crew is installing laterals on Earl Drive.
3. Work on Harley between Ellis Woods Road and E. Cedarville Road should be completed next week, as well as the laterals on Earl Drive. When that work is complete, one crew will begin installing permanent base material in the trenches on Schoolhouse Road.
4. Contractor has about 6,200 feet of gravity sewer and about 3,700 feet of force main remaining. Rest of schedule is not clear at this time. Mr. Dietrich requested an updated schedule from the Contractor. Mr. Phillips indicated that current plans are to have one pipe crew, one paving crew and one testing crew.
5. Mr. Weckesser discussed final paving of E. Cedarville Road. He is requesting complete overlay of the road over the entire length rather than full overlay in some areas and half-width overlay in others. To reduce the impact on the

Township there will be no milling required, and the overall depth of trench paving is reduced from 7" to 6". Final paving of E. Cedarville Road will be as follows:

- 4" of BCBC (25.0 mm) and 2" of binder (19.0 mm) in the trenches to the level of the existing street
 - tack coat over the entire street surface
 - 1-1/2" full width overlay with 9.5 mm
 - milling at intersections and driveways to transition from the overlay
 - line striping to match original street conditions
6. It was agreed that it would be in everyone's best interest to have the paving on E. Cedarville Road completed before winter and that is the Contractor's intention.
 7. Mr. Kolb advised that the bridge work being performed by contractors for Chester County on Halteman Road has been completed and the detour on Saw Mill Road is no longer in effect. The Contractor can work in that area.
 8. Based on suggestions made by Mr. Kolb, the Contractor submitted pricing to overlay the Township streets disturbed during construction. The Township accepted the modifications, but with the requirement for 5" of base material in the trenches, with a one-foot cut back, and a tack coat prior to the overlay. Mr. Kolb said that the Township would install a scratch coat on Spring House Lane after the trench repair is completed and prior to the Contractor doing the overlay.
 9. Mr. Kolb would like to have the majority of the Township streets completed (both trench repaving and overlay) before winter. Mr. Kolb also noted that centerline striping is required on Ellis Woods Road, Schoolhouse Road and the new section of Spiece Road. Mr. Kolb also suggested that the overlay of Schoolhouse Road not be done until the majority of truck traffic is over. Mr. Phillips indicated that not all the overlay work would be done at one time, but that as areas have trench repaving completed, they would have those areas overlaid. He expects that his subcontractor will be on site several times to do overlay work.
 10. Contractor has completed air testing and mandrel testing on approximately 7,367 feet of gravity sewer, which represents about 47% of the pipe installed to date. All lines tested to date have passed the testing requirements. Manholes will be vacuum tested after the base trench paving is completed.
 11. Mr. Phillips submitted revised shop drawings to ARRO for materials and equipment for the pump station. Site layout work has been completed at the pump station site and blasting should take place within the next week. Contractor expects to mobilize for pump station installation around mid-October, with the station to be completed in January.
 12. Mr. Phillips submitted his fifth Application for Payment and certified payrolls for that period ending August 31. Mr. Phillips indicated that they had not yet received payment for their previous payment request. Mr. Rodgers indicated that

he believed that the Township received checks for payment August 31, and Contractor should receive their payment any day.

13. Lumbering on the Martin and McLain properties should be completed within a week. Contractor will then be able to clear any remaining small trees from the easement, test drill for rock and blast, if necessary prior to pipe installation. Contractor was requested to contact Mr. Martin prior to moving on to the property. Mr. LeVan provided a phone number for Mr. Martin to the Contractor.
14. Compaction test reports continue to show satisfactory compaction in accordance with the specifications. Contractor was requested to have tests taken on different levels of the backfill, not just the top layer.
15. Mr. Kolb asked if the Contractor bring in a street sweeper again. The previous work a few weeks ago was well received. Mr. Kolb also mentioned that residents are concerned about stones and debris in their yards adjacent to the streets, and the residents were told that as the trench paving progresses, the areas adjacent to the streets would also be cleaned up.
16. Mr. Kolb is concerned about final paving on Harley Road between Ellis Woods Road and E. Cedarville Road. Several years ago, the Township paved the road (used to be stone) and since then water ponds in the yard on the east side rather than flowing across the street. Mr. Kolb doesn't want the road surface raised any higher, and may want it cut down. This area will be looked at further after the sewer installation is complete to see what can be done. Mr. Dietrich stressed that he doesn't want anything done on the streets that will adversely affect stormwater runoff unto adjacent properties.
17. Mr. LeVan will keep in contact with the school district's transportation department on a weekly basis regarding anticipated work areas and potential effects on school buses.
18. The next Progress Meeting will be held on Wednesday, October 3 at 8:00 a.m. in the Township building.

Any corrections or additions to this meeting summary should be brought to Mr. Dietrich's attention.